



CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT  
FOR HURRICANE & SHORE PROTECTION PROJECTS  
Honolulu Engineer District  
CEPOH-EC-T

Kihei02rpt-spp.doc

1. Project Name: Kihei Beach SPP

2. Date of Inspection: June 26, 2002

3. Inspection Personnel:

Name	Agency/Office	Telephone No.
a. Dan Meyers	COE	438-8875
b. Joel Hendrix	COE	438-1275
c. Ken Sivula	DP&R, Project Sup.	270-7382

4. Discussion:

The project consists of a revetment 2,697 LF. The quality and placement of the armor stones is very good. The project begins at Sta. 0+70 (north side) and ends at Sta. 26+97 (south side). The project was modified in 1999 by DPW, where a storm drain outfall was installed thru the revetment at Sta. 23+75. This modification was accomplished w/o DP&R or COE review. We discussed the need to notify the COE prior to any future modifications prior to commencement of work. The major concerns/deficiencies are as follows:



a. Sta. 0+05 to Sta. 0+30, Remove the vegetation from crest and sideslope.



b. Sta. 3+00, 1<sup>st</sup> Walkway, photo for reference.



c. Sta. 3+48, Monitor the armor stone resting adjacent the toe.



- d. Sta. 3+76, Monitor the area adjacent to cracked armor stone for settling.



- e. Sta. 8+41, Monitor the dislodged armor stone adjacent the toe.





f. Sta. 8+73, 2<sup>nd</sup> Walkway, photo for reference.



g. Sta. 9+57, Add fill material to the eroded area.



- h. Sta. 9+89, Monitor the depressed area on sideslope.



- i. Sta. 12+92, Monitor the depressed area on sideslope.





j. Sta. 13+29, Remove the tree from tie-back sideslope.



k. Sta. 14+05, Remove the vegetation from tie-back sideslope.

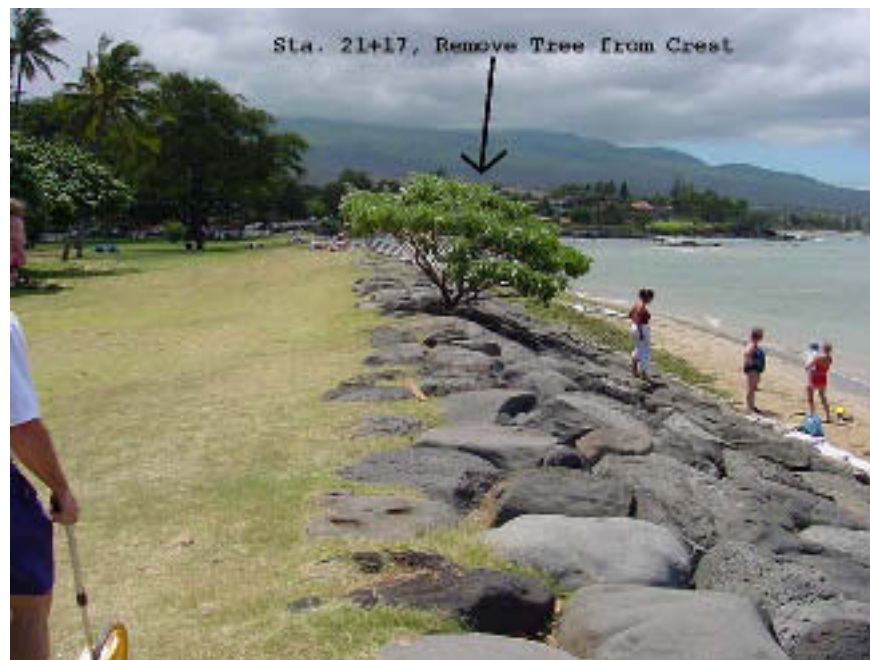


- l. Sta. 16+96, Remove the vegetation from crest.



- m. Sta. 17+89, Remove the concrete pad and vegetation.





- n. Sta. 21+17, Remove the tree from the crest.



- o. Sta. 23+11, 3<sup>rd</sup> Walkway, repair the concrete invert.





- p. Sta. 23+75, Monitor the sideslope settling on the southside of the culvert.



- q. Sta. 24+00, Overview, photo for reference.



- r. Sta. 25+14, Reset the missing armor stone and monitor area for settling.



- s. Sta. 25+87, Remove the vegetation from crest.





- t. Sta. 26+06, Reset the missing armor stone.



- u. Sta. 26+97, End of project (south), photo for reference.



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5. Conclusion:

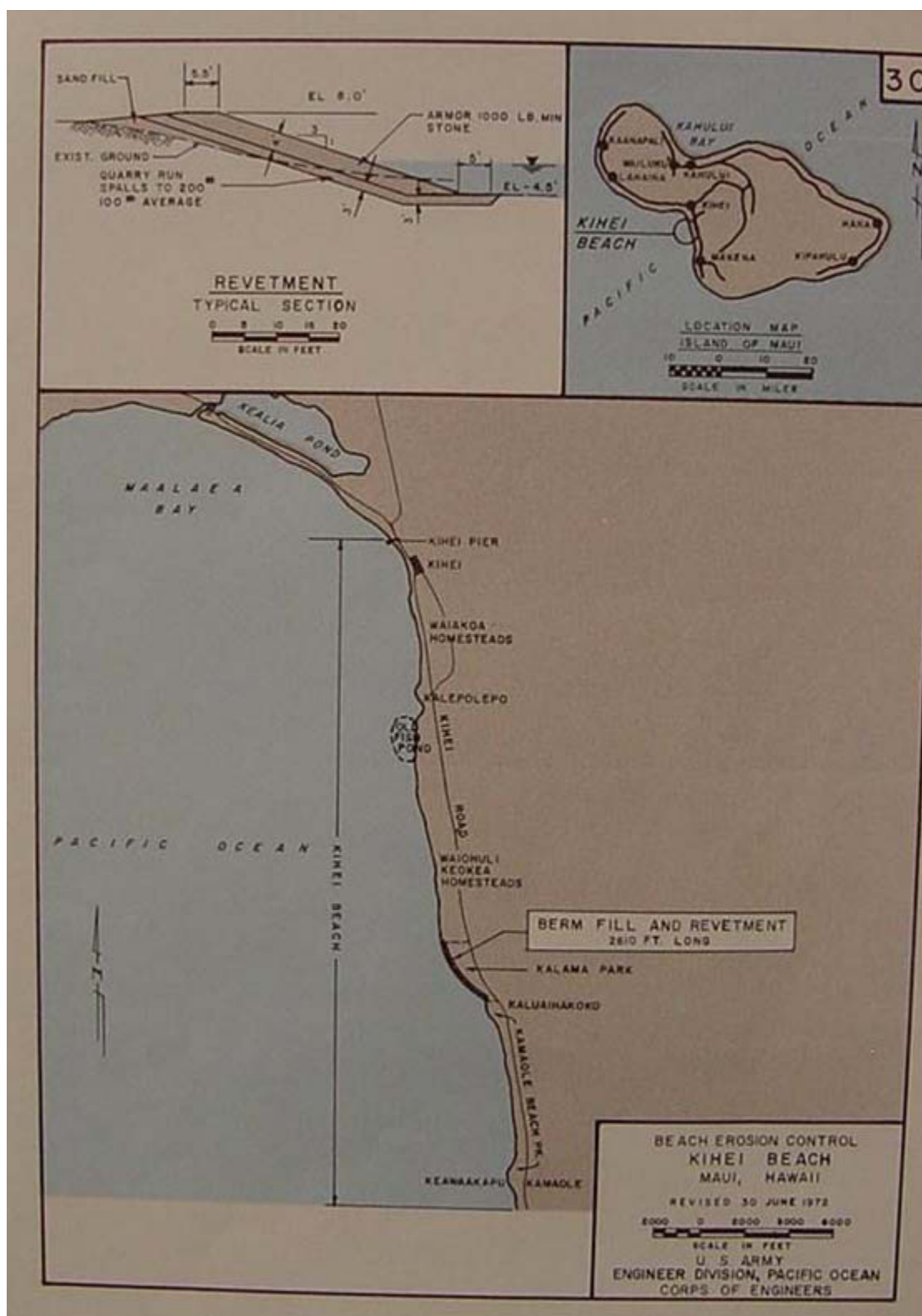
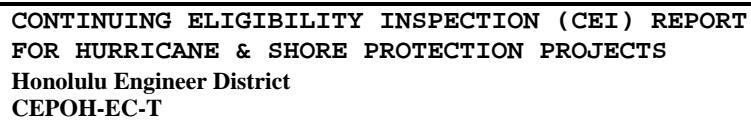
The overall rating of the project is Excellent. In accordance with ER 500-1-1, ( dtd 30 September 2001 ), and based on this CEI, the Project is rated **SATISFACTORY**, Project Condition Code is **ACCEPTABLE** and the project is considered **ACTIVE** in the Rehabilitation and Inspection Program. Discrepancies were noted and suggestions were made to the DPW representative.

Signed: \_\_\_\_\_  
Dan Meyers, CEPOH-EC-T

Signed: \_\_\_\_\_  
James Pennaz, P.E., Ch, CEPOH-EC-T

Enclosure(s)  
Site Plan







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KIHEI BEACH, MAUI, HAWAII

CONDITION OF IMPROVEMENT 30 SEPTEMBER 1989

PREVIOUS PROJECTS: None.

EXISTING PROJECT: Authorized under Section 103 of the River and Harbor Act of 1962, as amended. Provides for a protective stone revetment, 2,610 feet long and crest elevation 8.0 feet MLLW; and a recreational beach berm approximately 20 feet wide, and 2,610 feet long. The seaward slope of the revetment is armored with 1,000-pound stone placed on a slope of 1 vertical to 3 horizontal. The revetment toe is placed on the underlying coral strata excavated to a depth of -4.5 feet below MLLW.

PROGRESS OF WORK

Completed and Under Maintenance: The project was completed in June 1971, except beach access walkway which was completed in December 1971.

Work Remaining: None.

COST OF CONSTRUCTION:

<u>Completed Works:</u>	<u>New Work</u>
United States Funds	\$154,313
Contributed Funds	
Required	154,313
Other	<u>44,667</u>
Total Costs	\$353,293

RANGE OF TIDES: The tidal range between mean lower low water and mean higher high water is 2.3 feet.